Electroencephalography and clinical Neurophysiology, 91 (1994) 495–498
© 1994 Elsevier Science Ireland Ltd. 0013-4694/94/$07.00

Index of Authors

VOLUME 91 (1994)

(Authors from abstracts from Society Proceedings are not included)

Abraham-Fuchs, K., see Curio, G. (91) 483
Achimowicz, J.Z., see Bullock, T.H. (91) 42
Aharoni, D. and Pratt, H.
A note on the common reference debate (91) 488
Ahern, G.L., Labiner, D.M., Hutzler, R., Osburn, C., Talwar, D., Herring, A.M., Tackenberg, J.N., Weinand, M.E. and Oommen, K.J.
Quantitative analysis of the EEG in the intracarotid amobarbital procedure. I. Amplitude analysis (91) 21
Alarcon, G., see Bullmore, E.T. (91) 337
Aldroubi, A., see Schiff, S.J. (91) 442
Algazi, A., see Alho, K. (91) 353
Alho, K., Woods, D.L., Algazi, A., Knight, R.T. and Näätänen, R.
Lesions of frontal cortex diminish the auditory mismatch negativity (91) 353
Anderer, P., Saletu, B., Klöppel, B., Semlitsch, H.V. and Werner, H.
Discrimination between demented patients and normals based on topographic EEG slow wave activity: comparison between *z* statistics, discriminant analysis and artificial neural network classifiers (91) 108
Ando, M., see Ikeda, T. (91) 265
Araki, S., see Ikeda, T. (91) 265
Auzoux-Chevé, M., see Richard, P. (91) 100
Awad, I.A., see Lim, S.H. (91) 179

Bamidis, P.D., see Ioannides, A.A. (91) 399
Barker, A.T., see Rossini, P.M. (91) 79
Bartalena, L., see Biagioni, E. (91) 154
Barth, D.S., see Nakasato, N. (91) 171
Başar-Eroglu, C., see Bullock, T.H. (91) 42
Baumgartner, C., see Nakasato, N. (91) 171
Berardelli, A., see Rossini, P.M. (91) 79
Bergey, G.K., see Franaszczuk, P.J. (91) 413
Besthorn, C., Geiger-Kabisch, C., Sattel, H. and Förstl, H.
Different techniques in averaging coherences. Answer to Dr. K. Le Roc'h's letter to the editor (91) 233
Biagioni, E., Bartalena, L., Boldrini, A., Cioni, G., Giancola, S. and Ipata, A.E.
Background EEG activity in preterm infants: correlation of outcome with selected maturational features (91) 154
Binnie, C.D., see Bullmore, E.T. (91) 337
Block, F., see Schwarz, M. (91) 392
Blom, S., see Homma, S. (91) 374
Blum, D.
Prevalence of bilateral partial seizure foci and implications for electroencephalographic telemetry monitoring and epilepsy surgery (91) 329
Blume, W.T., see Young, G.B. (91) 93
Böcker, K.B.E., Brunia, C.H.M. and Cluitmans, P.J.M.
A spatio-temporal dipole model of the readiness potential in humans. I. Finger movement (91) 275
Böcker, K.B.E., Brunia, C.H.M. and Cluitmans, P.J.M.
A spatio-temporal dipole model of the readiness potential in humans. II. Foot movement (91) 286
Bogard, P.J., see Malow, B.A. (91) 205
Boldrini, A., see Biagioni, E. (91) 154
Born, J., see Marshall, L. (91) 346
Bourlon, P., see Bullmore, E.T. (91) 337
Bourzeix, J.-C., see Pezard, L. (91) 383
Brammer, M.J., see Bullmore, E.T. (91) 337
Braun, C., see Miltner, W. (91) 295
Breton, F., see Pezard, L. (91) 383
Broughton, R., Dunham, W., Weisskopf, M. and Rivers, M.
Night sleep does not predict day sleep in narcolepsy (91) 67
Brunia, C.H.M., see Böcker, K.B.E. (91) 275
Brunia, C.H.M., see Böcker, K.B.E. (91) 286
Bullmore, E.T., Brammer, M.J., Bourlon, P., Alarcon, G., Polkey, C.E., Elwes, R. and Binnie, C.D.
Fractal analysis of electroencephalographic signals intracerebrally recorded during 35 epileptic seizures: evaluation of a new method for synoptic visualisation of ictal events (91) 337
Bullock, T.H., Karamürsel, S., Achimowicz, J.Z., McClune, M.C. and Başar-Eroglu, C.
Dynamic properties of human visual evoked and omitted stimulus potentials (91) 42
Bullock, T.H., see Prechtl, J.C. (91) 54
Burghoff, M., see Curio, G. (91) 483

Cacace, A.T., see Wolpaw, J.R. (91) 71
Campbell, V.M., see Young, G.B. (91) 93
Caramia, M.D., see Rossini, P.M. (91) 79
Caruso, G., see Rossini, P.M. (91) 79
Celesia, G.G.
Response to the letter of Dr. S.J. Jones (91) 313
Cioni, G., see Biagioni, E. (91) 154
Cluitmans, P.J.M., see Böcker, K.B.E. (91) 275
Cluitmans, P.J.M., see Böcker, K.B.E. (91) 286
Coburn, K.L., see Pritchard, W.S. (91) 118
Cole, J.
The British Society for Clinical Neurophysiology (formerly the EEG Society). London, 14 January 1994 (91) 36P
Coleman, J.T.
American EEG Society, 1993 annual meeting. New Orleans, LA, 11–12 October, 1993 (91) 39P
Connolly, J.F.
Reply to Drs. Wolpaw and Cacace (91) 74
Cracco, R.Q., see Rossini, P.M. (91) 79
Curio, G., Mackert, B.-M., Burghoff, M., Koetitz, R., Abraham-Fuchs, K. and Härer, W.
Localization of evoked neuromagnetic 600 Hz activity in the cerebral somatosensory system (91) 483

Davis, L.E., see Maclin, E.L. (91) 468
Deecke, L., see Uhl, F. (91) 249
Demelo, J.D., see Young, G.B. (91) 93
Dimitrijević, M.R., see Rossini, P.M. (91) 79
Dinner, D.S., see Lim, S.H. (91) 179
Duke, D.W., see Pritchard, W.S. (91) 118
Dunham, W., see Broughton, R. (91) 67

Elwes, R., see Bullmore, E.T. (91) 337
Evans, B.M.
Comments on the paper of Soustiel et al. (1993) on a physiological coma scale (91) 77

Fehm, H.L., see Marshall, L. (91) 346
Fenton, G.W., see Ioannides, A.A. (91) 399
Fenton, G.W., see Sloan, E.P. (91) 163
Fenwick, P.B.C., see Ioannides, A.A. (91) 399
Fleig, W.E., see Kügler, C.F.A. (91) 33
Flink, R., see Homma, S. (91) 374
Flor-Henry, P., see Koles, Z.J. (91) 319
Förstl, H., see Besthorn, C. (91) 233
Franaszczuk, P.J., Bergey, G.K. and Kamiński, M.J.
Analysis of mesial temporal seizure onset and propagation using the directed transfer function method (91) 413
Fukushima, T., see Ikeda, T. (91) 265

Galezowska, J., see Morris, III, G.L. (91) 229
Geiger-Kabisch, C., see Besthorn, C. (91) 233
Giancola, S., see Biagioni, E. (91) 154
Goldenberg, G., see Uhl, F. (91) 249
Gomez-Jarabo, G., see Martin-Loeches, M. (91) 363

Hagbarth, K.-E., see Homma, S. (91) 374
Hahn, E.G., see Kügler, C.F.A. (91) 33
Hallett, M., see Rossini, P.M. (91) 79
Härer, W., see Curio, G. (91) 483
Hari, R., see Salmelin, R. (91) 237
Heide, W., see Klostermann, W. (91) 219
Heiss, W.-D., see Szelies, B. (91) 131
Herholz, K., see Szelies, B. (91) 131
Herring, A.M., see Ahern, G.L. (91) 21
Homma, S., Musha, T., Nakajima, Y., Okamoto, Y., Blom, S., Flink, R., Hagbarth, K.-E. and Moström, U.
Location of electric current sources in the human brain estimated by the dipole tracing method of the scalp-skull-brain (SSB) head model (91) 374
Hostetler, R.M., see Pritchard, W.S. (91) 118
Hutzler, R., see Ahern, G.L. (91) 21

Ikeda, T., Fukushima, T., Sonoda, K., Kani, S., Ando, M., Okabe, H., Araki, S. and Kinjo, Y.
Auditory and colored visual P300 in patients with sequelae of subacute myelo-optico-neuropathy (91) 265
Ioannides, A.A., Fenwick, P.B.C., Lumsden, J., Liu, M.J., Bamidis, P.D., Squires, K.C., Lawson, D. and Fenton, G.W.
Activation sequence of discrete brain areas during cognitive processes: results from magnetic field tomography (91) 399
Ipata, A.E., see Biagioni, E. (91) 154

Jann, M.W., see Pritchard, W.S. (91) 118
Johnson, Jr., R., see Miltner, W. (91) 295
Jones, S.J.
Comments on the "Recommended standards for electroretinograms and visual evoked potentials. Report of an IFCN committee" published in the December 1993 issue of Electroencephalography and Clinical Neurophysiology (91) 311

Kaartinen, J., see Sallinen, M. (91) 140
Kamiński, M.J., see Franaszczuk, P.J. (91) 413
Kani, S., see Ikeda, T. (91) 265
Karamürsel, S., see Bullock, T.H. (91) 42
Katayama, Y., see Rossini, P.M. (91) 79
Kennedy, N.S.J., see Sloan, E.P. (91) 163
Kinjo, Y., see Ikeda, T. (91) 265
Klem, G., see Lim, S.H. (91) 179
Klimesch, W., Schimke, H. and Schwaiger, J.
Episodic and semantic memory: an analysis in the EEG theta and alpha band (91) 428
Klöppel, B., see Anderer, P. (91) 108
Klostermann, W., Kömpf, D., Heide, W., Verleger, R., Wauschkuhn, B. and Seyfert, T.
The presaccadic cortical negativity prior to self-paced saccades with and without visual guidance (91) 219
Knight, J.E., see Maclin, E.L. (91) 468
Knight, R.T., see Alho, K. (91) 353
Koetitz, R., see Curio, G. (91) 483
Koles, Z.J., Lind, J.C. and Flor-Henry, P.
Spatial patterns in the background EEG underlying mental disease in man (91) 319
Kömpf, D., see Klostermann, W. (91) 219
Korczyn, A.D., see Neufeld, M.Y. (91) 407
Korpilahti, P. and Lang, H.A.
Auditory ERP components and mismatch negativity in dysphasic children (91) 256
Kretschmer, T., see Uhl, F. (91) 249
Kügler, C.F.A., Petter, J., Taghavy, A., Lotterer, E., Wensing, G., Hahn, E.G. and Fleig, W.E.
Dynamics of cognitive brain dysfunction in patients with cirrhotic liver disease: an event-related P300 potential perspective (91) 33

Labiner, D.M., see Ahern, G.L. (91) 21
Lang, H.A., see Korpilahti, P. (91) 256
Lang, W., see Uhl, F. (91) 249
Lawson, D., see Ioannides, A.A. (91) 399
Le Roc'h, K.
EEG coherence in Alzheimer disease, by Besthorn et al. (91) 232
Leroy, R., see Morris, III, G.L. (91) 229
Lesser, R.P., see Webber, W.R.S. (91) 194
Leung, L.S., see Young, G.B. (91) 93
Levesque, M.F., see Nakasato, N. (91) 171
Lim, S.H., Dinner, D.S., Pillay, P.K., Lüders, H., Morris, H.H., Klem, G., Wyllie, E. and Awad, I.A.
Functional anatomy of the human supplementary sensorimotor area: results of extraoperative electrical stimulation (91) 179
Lind, J.C., see Koles, Z.J. (91) 319
Lindinger, G., see Uhl, F. (91) 249
Litt, B., see Webber, W.R.S. (91) 194
Liu, M.J., see Ioannides, A.A. (91) 399
Lotterer, E., see Kügler, C.F.A. (91) 33
Lücking, C.H., see Rossini, P.M. (91) 79
Lüders, H., see Lim, S.H. (91) 179
Lumsden, J., see Ioannides, A.A. (91) 399
Lyytinen, H., see Sallinen, M. (91) 140

MacKay, W.A., see Nashmi, R. (91) 456
Mackert, B.-M., see Curio, G. (91) 483
MacLennan, J.M., see Sloan, E.P. (91) 163
Maclin, E.L., Rose, D.F., Knight, J.E., Orrison, W.W. and Davis, L.E.
Somatosensory evoked magnetic fields in patients with stroke (91) 468
Maertens de Noordhout, A.L., see Rossini, P.M. (91) 79
Malhotra, A.K., see Malow, B.A. (91) 205

Malow, B.A., Reese, K.B., Sato, S., Bogard, P.J., Malhotra, A.K., Su, T.-P. and Pickar, D.
Spectrum of EEG abnormalities during clozapine treatment (91) 205
Marsden, C.D., see Rossini, P.M. (91) 79
Marshall, L., Mölle, M., Schreiber, H., Fehm, H.L. and Born, J.
Scalp recorded direct current potential shifts associated with the transition to sleep in man (91) 346
Martin-Loeches, M., Gomez-Jarabo, G. and Rubia, F.J.
Human brain potentials of spatial location encoding into memory (91) 363
Martinerie, J., see Pezard, L. (91) 383
Martino, G., see Rossini, P.M. (91) 476
Mayer, G., see Uchiyama, M. (91) 212
McClune, M.C., see Bullock, T.H. (91) 42
McKeown, M.J., see Young, G.B. (91) 93
McLachlan, R.S., see Young, G.B. (91) 93
Meier-Ewert, K., see Uchiyama, M. (91) 212
Mendonça, A.J., see Nashmi, R. (91) 456
Mielke, R., see Szelies, B. (91) 131
Miltner, W., Braun, C., Johnson, Jr., R., Simpson, G.V. and Ruchkin, D.S.
A test of brain electrical source analysis (BESA): a simulation study (91) 295
Mölle, M., see Marshall, L. (91) 346
Moore, N.C., see Pritchard, W.S. (91) 118
Morris, H.H., see Lim, S.H. (91) 179
Morris, III, G.L., Galezowska, J., Leroy, R. and North, R.
The results of computer-assisted ambulatory 16-channel EEG (91) 229
Moström, U., see Homma, S. (91) 374
Murray, N.M.F., see Rossini, P.M. (91) 79
Musha, T., see Homma, S. (91) 374

Näätänen, R., see Alho, K. (91) 353
Nagendran, K., see Spillane, K. (91) 403
Nakajima, Y., see Homma, S. (91) 374
Nakasato, N., Levesque, M.F., Barth, D.S., Baumgartner, C., Rogers, R.L. and Sutherling, W.W.
Comparisons of MEG, EEG, and ECoG source localization in neocortical partial epilepsy in humans (91) 171
Narici, L., see Rossini, P.M. (91) 476
Nashmi, R., Mendonça, A.J. and MacKay, W.A.
EEG rhythms of the sensorimotor region during hand movements (91) 456
Neufeld, M.Y., Rabey, M.J., Parmet, Y., Sifris, P., Treves, T.A. and Korczyn, A.D.
Effects of a single intravenous dose of scopolamine on the quantitative EEG in Alzheimer's disease patients and age-matched controls (91) 407
North, R., see Morris, III, G.L. (91) 229

Oder, W., see Uhl, F. (91) 249
Okabe, H., see Ikeda, T. (91) 265
Okamoto, Y., see Homma, S. (91) 374
Oommen, K.J., see Ahern, G.L. (91) 21
Orrison, W.W., see Maclin, E.L. (91) 468
Osburn, C., see Ahern, G.L. (91) 21
Ostré, C., see Richard, P. (91) 100

Parmet, Y., see Neufeld, M.Y. (91) 407
Pasquarelli, A., see Rossini, P.M. (91) 476
Peresson, M., see Rossini, P.M. (91) 476
Petter, J., see Kügler, C.F.A. (91) 33
Pezard, L., Martinerie, J., Breton, F., Bourzeix, J.-C. and Renault, B.
Non-linear forecasting measurements of multichannel EEG dynamics (91) 383
Pickar, D., see Malow, B.A. (91) 205
Pillay, P.K., see Lim, S.H. (91) 179
Pizzella, V., see Rossini, P.M. (91) 476
Polkey, C.E., see Bullmore, E.T. (91) 337
Pratt, H., see Aharoni, D. (91) 488
Prechtl, J.C. and Bullock, T.H.
Event-related potentials to omitted visual stimuli in a reptile (91) 54
Prior, P.F., see Spillane, K. (91) 403
Pritchard, W.S., Duke, D.W., Coburn, K.L., Moore, N.C., Tucker, K.A., Jann, M.W. and Hostetler, R.M.
EEG-based, neural-net predictive classification of Alzheimer's disease versus control subjects is augmented by non-linear EEG measures (91) 118

Rabey, M.J., see Neufeld, M.Y. (91) 407
Ramsay, D.A., see Young, G.B. (91) 93
Reese, K.B., see Malow, B.A. (91) 205
Renault, B., see Pezard, L. (91) 383
Renault, F., see Richard, P. (91) 100
Richard, P., Renault, F., Ostré, C. and Auzoux-Chevé, M.
Neurophysiological follow-up in two children with Creutzfeldt-Jakob disease after human growth hormone treatment (91) 100
Rivers, M., see Broughton, R. (91) 67
Rogers, R.L., see Nakasato, N. (91) 171
Romani, G.-L., see Rossini, P.M. (91) 476
Rose, D.F., see Maclin, E.L. (91) 468
Rossini, P.M., Barker, A.T., Berardelli, A., Caramia, M.D., Caruso, G., Cracco, R.Q., Dimitrijević, M.R., Hallett, M., Katayama, Y., Lücking, C.H., Maertens de Noordhout, A.L., Marsden, C.D., Murray, N.M.F., Rothwell, J.C., Swash, M. and Tomberg, C.
Non-invasive electrical and magnetic stimulation of the brain, spinal cord and roots: basic principles and procedures for routine clinical application. Report of an IFCN committee (91) 79
Rossini, P.M., Narici, L., Martino, G., Pasquarelli, A., Peresson, M., Pizzella, V., Tecchio, F. and Romani, G.-L.
Analysis of interhemispheric asymmetries of somatosensory evoked magnetic fields to right and left median nerve stimulation (91) 476
Rothwell, J.C., see Rossini, P.M. (91) 79
Rubia, F.J., see Martin-Loeches, M. (91) 363
Ruchkin, D.S., see Miltner, W. (91) 295

Saletu, B., see Anderer, P. (91) 108
Sallinen, M., Kaartinen, J. and Lyytinen, H.
Is the appearance of mismatch negativity during stage 2 sleep related to the elicitation of K-complex? (91) 140
Salmelin, R. and Hari, R.
Characterization of spontaneous MEG rhythms in healthy adults (91) 237
Sato, S., see Malow, B.A. (91) 205
Sato, S., see Schiff, S.J. (91) 442
Sattel, H., see Besthorn, C. (91) 233
Schieven, J.R., see Young, G.B. (91) 93
Schiff, S.J., Aldroubi, A., Unser, M. and Sato, S.
Fast wavelet transformation of EEG (91) 442
Schimke, H., see Klimesch, W. (91) 428
Schimsheimer, R.J.
Dutch Society for Clinical Neurophysiology. Special meeting on "computer analysis of the EEG". Amsterdam, 3 November 1993 (91) 71P
Schreiber, H., see Marshall, L. (91) 346
Schwaiger, J., see Klimesch, W. (91) 428
Schwarz, M. and Block, F.
Visual and somatosensory evoked potentials are mediated by excitatory amino acid receptors in the thalamus (91) 392
Semlitsch, H.V., see Anderer, P. (91) 108

Seyfert, T., see Klostermann, W. (91) 219
Sifris, P., see Neufeld, M.Y. (91) 407
Simpson, G.V., see Miltner, W. (91) 295
Sloan, E.P., Fenton, G.W., Kennedy, N.S.J. and MacLennan, J.M.
Neurophysiology and SPECT cerebral blood flow patterns in dementia (91) 163
Sonoda, K., see Ikeda, T. (91) 265
Soustiel, J.F.
Reply to Dr. B.M. Evans (91) 78
Spillane, K., Nagendran, K., Prior, P.F., Tabaqchali, S. and Wilks, M.
Serial electroencephalograms in a patient with D-lactic acidosis (91) 403
Squires, K.C., see Ioannides, A.A. (91) 399
Su, T.-P., see Malow, B.A. (91) 205
Sutherling, W.W., see Nakasato, N. (91) 171
Swash, M., see Rossini, P.M. (91) 79
Szelies, B., Mielke, R., Herholz, K. and Heiss, W.-D.
Quantitative topographical EEG compared to FDG PET for classification of vascular and degenerative dementia (91) 131

Tabaqchali, S., see Spillane, K. (91) 403
Tackenberg, J.N., see Ahern, G.L. (91) 21
Taghavy, A., see Kügler, C.F.A. (91) 33
Talwar, D., see Ahern, G.L. (91) 21
Tecchio, F., see Rossini, P.M. (91) 476
Tomberg, C., see Rossini, P.M. (91) 79
Treves, T.A., see Neufeld, M.Y. (91) 407
Tucker, K.A., see Pritchard, W.S. (91) 118

Uchiyama, M., Mayer, G. and Meier-Ewert, K.
Differential effects of extended sleep in narcoleptic patients (91) 212
Uhl, F., Kretschmer, T., Lindinger, G., Goldenberg, G., Lang, W., Oder, W. and Deecke, L.
Tactile mental imagery in sighted persons and in patients suffering from peripheral blindness early in life (91) 249
Unser, M., see Schiff, S.J. (91) 442

Verleger, R., see Klostermann, W. (91) 219

Wauschkuhn, B., see Klostermann, W. (91) 219
Webber, W.R.S., Litt, B., Wilson, K. and Lesser, R.P.
Practical detection of epileptiform discharges (EDs) in the EEG using an artificial neural network: a comparison of raw and parameterized EEG data (91) 194
Weinand, M.E., see Ahern, G.L. (91) 21
Weisskopf, M., see Broughton, R. (91) 67
Wensing, G., see Kügler, C.F.A. (91) 33
Werner, H., see Anderer, P. (91) 108
Wilks, M., see Spillane, K. (91) 403
Wilson, K., see Webber, W.R.S. (91) 194
Wolpaw, J.R. and Cacace, A.T.
The influence of stimulus intensity, contralateral masking and handedness on the temporal N1 and the T complex components of the auditory N1 wave, by John F. Connolly (91) 71
Woods, D.L., see Alho, K. (91) 353
Wyllie, E., see Lim, S.H. (91) 179

Young, G.B., Blume, W.T., Campbell, V.M., Demelo, J.D., Leung, L.S., McKeown, M.J., McLachlan, R.S., Ramsay, D.A. and Schieven, J.R.
Alpha, theta and alpha-theta coma: a clinical outcome study utilizing serial recordings (91) 93

Electroencephalography and clinical Neurophysiology, 91 (1994) 499–502
© 1994 Elsevier Science Ireland, Ltd. 0013-4694/94/$7.00

Index of Subjects

VOLUME 91 (1994)

(Abstracts from Society Proceedings are not included)

Acidosis
– serial EEG in D-lactic acidosis, 403
Acetylcholine
– scopolamine and qEEG in Alzheimer's disease, 407
Alpha rhythm
– episodic and semantic memory, 428
Alzheimer's disease
– EEG coherence, 232, 233
– linear vs. non-linear EEG measures, 118
– neurophysiological studies, 163
– qEEG and FDG PET for classification of dementia, 131
– scopolamine effects on qEEG, 407
– SPECT cerebral blood flow in dementia, 163
Ambulatory monitoring, 229
Amobarbital test and qEEG, 21
Anoxia
– alpha/theta coma, 93
Antipsychotic agents
– clozapine-related EEG abnormalities, 205
Attention
– cognitive brain dysfunction in cirrhotic liver disease, 33
– frontal cortex lesions and auditory mismatch negativity, 353
– human VEP properties and omitted stimulus potential, 42
– non-linear measurements of multichannel EEG dynamics, 383
– sensorimotor EEG rhythms and hand movements, 456
Auditory ERPs and mismatch negativity in dysphasic children, 256
Auditory evoked potentials
– temporal N1 and T complex components of N1 wave, 71, 74
– *see also* Brain-stem auditory evoked potentials
Auditory stimulation
– frontal cortex lesions and auditory mismatch negativity, 353
– P300 in subacute myelo-optico-neuropathy, 265
Automatic detection of epileptiform discharges, 194
Autoregressive model and mesial temporal seizure onset, 413

Bayes' theorem
– prevalence of bilateral partial seizure foci, 329
Bereitschaftspotentials, *see* Readiness potential
Beta rhythms and hand movements, 456
Blindness and tactile imagery, 249
Blink reflex in Creutzfeldt-Jakob disease, 100
Book reviews, 149, 234, 315, 491
Brain lesions
– background EEG activity in preterm infants, 154
Brain-stem auditory evoked potentials, recommended standards, 12

Cataplexy
– day and night sleep in narcolepsy, 67
Cerebral blood flow in dementia, 163
Cerebrovascular disease
– comments on a physiological coma scale, 77, 78
– qEEG and FDG PET for classification of dementia, 131
– stroke and somatosensory evoked magnetic fields, 468
Chaos
– non-linear measurements of multichannel EEG dynamics, 383
Clozapine-related EEG abnormalities, 205
Cognitive function
– in cirrhotic liver disease, 33
– in subacute myelo-optico-neuropathy, 265
– omitted stimulus in a reptile, 54
– omitted stimulus potential in man, 42
Coherence of EEG in Alzheimer disease, 232, 233
Coma
– alpha/theta coma, 93
– comments on a physiological coma scale, 77, 78
Common reference controversy, 488
Computer-assisted ambulatory EEG, 229
Conduction time
– non-invasive stimulation of the brain, spinal cord and roots, 79
Contingent magnetic variation
– activation of discrete areas during cognitive processes, 399
Contralateral masking
– temporal N1 and T complex components of the auditory N1 wave, 71, 74
Cortex
– characterization of MEG rhythms, 237
Cortical activation of discrete areas during cognitive processes, 399
Creutzfeldt-Jacob disease after human growth hormone treatment, 100
Current dipole or source, *see* Generators

Data processing
– *see also* Spectral analysis
– topographic and frequency analysis of EEG and EPs, 1
Daytime sleepiness
– day and night sleep in narcolepsy, 67
– sleep extension in narcolepsy, 212
DC potential shifts during transition to sleep, 346
Dementia
– linear vs. non-linear EEG measures, 118
– neural network classifier for topographic EEG data, 108
– neurophysiological studies, 163
– P300 in subacute myelo-optico-neuropathy, 265
– qEEG and FDG PET for classification of dementia, 131
– scopolamine effects on qEEG, 407
– SPECT cerebral blood flow, 163
Depression
– spatial EEG patterns in mental disease, 319
Depth recording
– analysis of mesial temporal seizure onset, 413
Diagnosis
– neural network classifier for topographic EEG data, 108
– qEEG and FDG PET for classification of dementia, 131
Dipole tracing method
– current sources in the scalp-skull-brain head model, 374

Directed transfer function
– analysis of mesial temporal seizure onset, 413
Discriminant analysis
– neural network classifier for topographic EEG data, 108
Dynamical system
– non-linear measurements of multichannel EEG dynamics, 383
Dysphasia, auditory ERPs and mismatch negativity, 256

ECoG and MEG spike localization, 171
EEG
– activation of discrete areas during cognitive processes, 399
– alpha/theta coma, 93
– analysis of mesial temporal seizure onset, 413
– background EEG activity in preterm infants, 154
– clozapine-related EEG abnormalities, 205
– common reference controversy, 488
– computer-assisted ambulatory EEG, 229
– current sources in the scalp-skull-brain head model, 374
– detection of epileptiform discharges, 194
– EEG coherence in Alzheimer disease, 232, 233
– fast wavelet transformation of EEG, 442
– fractal analysis of EEG during epileptic seizures, 337
– K-complex and mismatch negativity during stage 2 sleep, 140
– linear vs. non-linear EEG measures of AD, 118
– MEG and EEG spike localization, 171
– neural network classifier for EEG data, 108, 194
– neurophysiology in dementia, 163
– non-linear measurements of multichannel EEG dynamics, 383
– prevalence of bilateral partial seizure foci, 329
– qEEG and FDG PET for classification of dementia, 131
– qEEG in the intracarotid amobarbital procedure, 21
– scopolamine and qEEG in Alzheimer's disease, 407
– sensorimotor EEG rhythms and hand movements, 456
– serial EEG in D-lactic acidosis, 403
– spatial EEG patterns in mental disease, 319
– topographic and frequency analysis, 1
Electrical stimulation
– human supplementary sensorimotor area, 179
– of the brain, spinal cord and roots, 79
Electroretinography (ERG)
– Creutzfeldt-Jakob disease after human growth hormone treatment, 100
– standards for ERG and VEPs, 311, 313
Encephalopathy
– alpha/theta coma, 93
– cirrhotic liver disease, 33
– D-lactic acidosis, 403
Encoding, *see* Memory
Epilepsy
– analysis of mesial temporal seizure onset, 413
– clozapine-related EEG abnormalities, 205
– DC potential shifts during transition to sleep, 346
– detection of epileptiform discharges, 194
– fast wavelet transformation of EEG, 442
– fractal analysis of EEG during seizures, 337
– human supplementary sensorimotor area, 179
– MEG and EEG spike localization, 171
– prevalence of bilateral partial seizure foci, 329
– qEEG in the intracarotid amobarbital procedure, 21
Equivalent current dipole
– readiness potential dipole model to finger movement, 275
– readiness potential dipole model to foot movement, 286
Event-related desynchronization
– episodic and semantic memory, 428
Event-related potentials
– auditory ERPs and mismatch negativity in dysphasic children, 256
– brain potentials encoding into memory, 363
– cognitive brain dysfunction in cirrhotic liver disease, 33
– ERP to omitted stimulus in a reptile, 54
– frontal cortex lesions and auditory mismatch negativity, 353
– human VEP properties and omitted stimulus potential, 42
– K-complex and mismatch negativity during stage 2 sleep, 140
– P300 in subacute myelo-optico-neuropathy, 265
– standards for long-latency auditory ERPs, 18
– simulation study on brain electrical source analysis, 295
– tactile imagery in blind and sighted persons, 249
Evoked magnetic fields
– and stroke, 468
– high-frequency wavelets, 483
– interhemispheric asymmetries, 476
Evoked potentials
– BAEPs, recommended standards, 12
– somatosensory evoked potentials, recommended standards, 6
– temporal N1 and T complex components of the auditory N1 wave, 71, 74
– topographic and frequency analysis, 1
– visual, *see* Visual evoked potentials
Expectation
– ERP to omitted stimulus in a reptile, 54
– human VEP and omitted stimulus potential, 42
Eye movement
– presaccadic negativity and self-paced saccades, 219

Finger movements
– readiness potential dipole model, 275
Fourier analysis
– fast wavelet transformation of EEG, 442
Fractal analysis of EEG during epileptic seizures, 337
Frequency analysis of EEG and EPs, 1
Frontal cortex lesions and auditory mismatch negativity, 353

Generators in the scalp-skull-brain head model, 374
Glucose metabolism
– FDG PET for classification of dementia, 131
Graphesthesia
– stroke and somatosensory evoked magnetic fields, 468
Guidelines
– comments on standards for ERG and VEPs, 311, 313
– non-invasive stimulation of the brain, spinal cord and roots, 79
– standards for BAEPs, 12
– standards for long-latency auditory ERPs, 18
– standards for short-latency SEPs, 6
– topographic and frequency analysis of EEG and EPs, 1

Handedness
– temporal N1 and T complex components of the auditory N1 wave, 71, 74
Hand movement sensorimotor EEG rhythms, 456
Hasegawa's dementia score
– P300 in subacute myelo-optico-neuropathy, 265
Head injury
– comments on a physiological coma scale, 77, 78
Head model
– current sources in the scalp-skull-brain head model, 374
Hepatic diseases and cognitive brain dysfunction, 33
Hippocampus
– episodic and semantic memory, 428
Hyperventilation
– DC potential shifts during transition to sleep, 346

Ictal EEG
– fractal analysis during epileptic seizures, 337
IFCN executive committee, September 1993, 153

Infants
– auditory ERPs and mismatch negativity in dysphasic children, 256
– Creutzfeldt-Jakob disease after human growth hormone treatment, 100
– *see also* Preterm infants
Interhemispheric asymmetries of somatosensory evoked fields, 476
Intoxication
– P300 in subacute myelo-optico-neuropathy, 265
Ischemia
– alpha/theta coma, 93
– stroke and somatosensory evoked magnetic fields, 468

K complex and mismatch negativity during stage 2 sleep, 140
Kolmogorov entropy
– background EEG activity in preterm infants, 154

D-Lactic acidosis and serial EEG, 403
Language
– auditory ERPs and mismatch negativity in dysphasic children, 256
– episodic and semantic memory, 428
Lesions of the frontal cortex and auditory mismatch negativity, 353
Long-latency ERPS, recommended standards, 18

Magnetic fields in discrete areas during cognitive processes, 399
Magnetic stimulation of the brain, spinal cord and roots, 79
Magnetoencephalogram
– activation of discrete areas during cognitive processes, 399
– and EEG spike localization, 171
– characterization of MEG rhythms, 237
– high-frequency wavelets in the somatosensory system, 483
– interhemispheric asymmetries of somatosensory evoked fields, 476
– stroke and somatosensory evoked magnetic fields, 468
Mania
– spatial EEG patterns in mental disease, 319
Mapping, *see* Topographic mapping
Maturation
– auditory ERPs and mismatch negativity in dysphasic children, 256
– background EEG activity in preterm infants, 154
Median nerve
– high-frequency wavelets in the somatosensory system, 483
– interhemispheric asymmetries of somatosensory evoked fields, 476
– standards for short-latency SEPs, 6
Memory
– brain potentials encoding into memory, 363
– episodic and semantic memory, 428
Mismatch negativity
– and auditory ERPs in dysphasic children, 256
– and frontal cortex lesions, 353
– and K-complex during stage 2 sleep, 140
Modelization
– current sources in the scalp-skull-brain head model, 374
– readiness potential dipole model to finger movement, 275
– readiness potential dipole model to foot movement, 286
Monitoring
– computer-assisted ambulatory EEG, 229
– detection of epileptiform discharges, 194
– prevalence of bilateral partial seizure foci, 329
Motor asymmetries
– readiness potential dipole model to finger movement, 275
Motor cortex
– activation of discrete areas during cognitive processes, 399
Motor preparation, *see* Preparation to movement
Multichannel EEG dynamics, 383
Multiple sleep latency test in narcolepsy, 212
Mu rhythm and hand movements, 456
Myoclonus
– clozapine-related EEG abnormalities, 205

Narcolepsy
– day and night sleep, 67
– sleep extension, 212
Neural network
– classifier for topographic EEG data, 108
– detection of epileptiform discharges, 194
– linear vs. non-linear EEG measures of AD, 118
Neural plasticity in blind and sighted persons, 249
Neuropathy
– P300 in subacute myelo-optico-neuropathy, 265
Non-linear measurements of multichannel EEG dynamics, 383
N1 wave, temporal N1 and T complex components, 71, 74

Occipital cortex
– tactile imagery in blind and sighted persons, 249
Ocular motor cortical area
– presaccadic negativity and self-paced saccades, 219
Oddball paradigm
– K-complex and mismatch negativity during stage 2 sleep, 140
Omitted stimulus potential
– and human VEP properties, 42
– in a reptile, 54
Orienting
– frontal cortex lesions and auditory mismatch negativity, 353
Oscillatory activity in the somatosensory system, 483
Outcome
– alpha/theta coma, 93
– background EEG activity in preterm infants, 154
– comments on a physiological coma scale, 77, 78

Parietal cortex
– activation of discrete areas during cognitive processes, 399
– tactile imagery in blind and sighted persons, 249
Positron emission tomography for classification of dementia, 131
Preparation to movement
– sensorimotor EEG rhythms and hand movements, 456
Presaccadic negativity and self-paced saccades, 219
Preterm infants, background EEG activity, 154
Principal component analysis
– spatial EEG patterns in mental disease, 319
Prognosis in alpha/theta coma, 93
P300
– cognitive brain dysfunction in cirrhotic liver disease, 33
– in subacute myelo-optico-neuropathy, 265
– neurophysiology in dementia, 163
– SPECT cerebral blood flow in dementia, 163

Quantitative EEG
– and FDG PET for classification of dementia, 131
– in the intracarotid amobarbital procedure, 21
– scopolamine effects in Alzheimer's disease, 407

Rapid eye movement sleep, *see* Sleep
Readiness potential
– dipole model to finger movement, 275
– dipole model to foot movement, 286
– presaccadic negativity and self-paced saccades, 219
Reference
– common reference controversy, 488
Reptiles, ERP to omitted stimulus, 54
Rhythms
– characterization of MEG rhythms, 237

Saccade
– presaccadic negativity and self-paced saccades, 219

Scalp recording
– DC potential shifts during transition to sleep, 346
Schizophrenia
– clozapine-related EEG abnormalities, 205
– spatial EEG patterns in mental disease, 319
Scopolamine and qEEG in Alzheimer's disease, 407
Seizure, *see* Epilepsy
Self-paced saccades and presaccadic negativity, 219
Semantic memory, 428
Sensorimotor cortex
– EEG rhythms and hand movements, 456
– human supplementary sensorimotor area, 179
– readiness potential dipole model to finger movement, 275
– readiness potential dipole model to foot movement, 286
Sensory memory in a reptile, 54
Short-latency SEPs, recommended standards, 6
Signal processing
– fast wavelet transformation of EEG, 442
Simulation study on brain electrical source analysis, 295
Single photon emission tomography in dementia, 163
Sleep
– day and night sleep in narcolepsy, 67
– DC potential shifts during transition to sleep, 346
– K-complex and mismatch negativity during stage 2 sleep, 140
– sleep extension in narcolepsy, 212
Sleepiness in narcolepsy, 67
Slow potential during transition to sleep, 346
Slow waves
– neural network classifier for topographic EEG data, 108
Society proceedings
– American, New Orleans, October 1993, 39P
– American, Saint-Sauveur, February 1994, 121P
– American, Vancouver, March 1994, 114P
– Belgian, Brussels, November 1993, 32P
– Belgian, Brussels, March 1994, 133P
– Belgian, Ghent, June 1994, 142P
– Bulgarian, Sofia, January 1994, 116P
– Central and Eastern Europe, Miedzyzdroje, June 1993, 104P
– Dutch, Amsterdam, November 1993, 71P
– Dutch, The Hague, April 1994, 125P
– English, London, October 1993, 23P
– English, London, January 1994, 36P
– English, Newcastle-upon-Tyne, April 1994, 100P
– English, London, June 1994, 140P
– Finnish, Kuopio, February 1994, 118P
– French, Paris, October 1993, 27P
– French, Paris, November 1993, 95P
– Israelian, Jerusalem, October 1993, 128P
– Italian, Sassari, May 1992, 1P
– Japanese, Kagoshima, November 1993, 85P
– Polish, Miedzyzdroje, June 1993, 104P
– Spanish, Barcelona, December 1992, 75P
Somatosensory evoked fields
– and stroke, 468
– high-frequency wavelets, 483
– interhemispheric asymmetries, 476
Somatosensory evoked potentials, recommended standards, 6
Source localization
– characterization of MEG rhythms, 237
– in the scalp-skull-brain head model, 374
– MEG and EEG spike localization, 171
– simulation study on brain electrical source analysis, 295
Spatial distribution, *see* Topographic mapping
Spatial location perception
– brain potentials encoding into memory, 363
Spatiotemporal analysis
– EEG patterns in mental disease, 319
– simulation study on brain electrical source analysis, 295
Spectral analysis
– linear vs. non-linear EEG measures of AD, 118
Speech, *see* Language
Spike
– detection of epileptiform discharges, 194
– fast wavelet transformation of EEG, 442
– MEG and EEG spike localization, 171
Spinal cord, non-invasive stimulation, 79
Standards, *see* Guidelines
Steady-state VEP and omitted stimulus potential, 42
Stereo-EEG, fractal analysis during epileptic seizures, 337
Stimulus intensity and auditory N1 wave, 71, 74
Stroke and somatosensory evoked magnetic fields, 468
Subacute myelo-optico-neuropathy and P300, 265
Subdural recording
– current sources in the scalp-skull-brain head model, 374
Supplementary motor area
– activation during cognitive processes, 399
– in human, 179
Surgery
– prevalence of bilateral partial seizure foci, 329

Tactile imagery in blind and sighted persons, 249
T complex component of the auditory N1 wave, 71, 74
Telemetry
– prevalence of bilateral partial seizure foci, 329
Temporal lobe
– analysis of mesial temporal seizure onset, 413
Theta rhythm
– episodic and semantic memory, 428
Tibial nerve
– standards for short-latency SEPs, 6
Topographic and frequency analysis of EEG and EPs, 1
Topographic mapping
– analysis of mesial temporal seizure onset, 413
– characterization of MEG rhythms, 237
– linear vs. non-linear EEG measures of AD, 118
– neural network classifier for topographic EEG data, 108
– qEEG and FDG PET for classification of dementia, 131
– qEEG in the intracarotid amobarbital procedure, 21

Visual attention in cirrhotic liver disease, 33
Visual deprivation and tactile imagery, 249
Visual evoked potentials
– Creutzfeldt-Jakob disease after human growth hormone treatment, 100
– cognitive brain dysfunction in cirrhotic liver disease, 33
– comments on recommended standards, 311, 313
– ERP to omitted stimulus in a reptile, 54
– human VEP properties and omitted stimulus potential, 42
– neurophysiology in dementia, 163
Visual stimulation
– brain potentials encoding into memory, 363
– P300 in subacute myelo-optico-neuropathy, 265
Visual task
– frontal cortex lesions and auditory mismatch negativity, 353

Wada test and qEEG, 21
Wavelet transformation of EEG, 442

Z statistics
– neural network classifier for topographic EEG data, 108